

NOTICE TO BIDDERS

The City of Donna will receive **SEALED BIDS** addressed to **Utilities Department**, and submitted to the City Secretary's Office located on the 307 South 12th Street, Donna, Texas, 78537 until **3:00 p.m. on September 19, 2024**, for Supply Contract for Purchase of Aluminum Sulfate Liquid. Any bid received after the closing time will not be accepted and returned to the bidder unopened.

SUPPLY CONTRACT FOR PURCHASE OF ALUMINUM SULFATE LIQUID Bid No.: 2024-008

Specifications may be obtained from the City of Donna Utilities Department at 114 S 13th St, Donna, TX 78537 or by calling (956) 464-7861, Monday thru Friday between 8:00 am to 5:00 pm. If any questions, please contact Jonas Gonzalez, Utilities Director at (956) 464-7861.

The City of Donna reserves the right to refuse and reject any of all formalities or technicalities or to accept the bid it considers being best and most advantageous to the city, and holding the bids for a period of 30 days without taking action. Bids submitted past the after mentioned date and time will not be accepted.

Bid proposals must be clearly marked on the envelope

City of Donna
Aluminum Sulfate Liquid Polymer Blend
General Conditions

- 1.) Contractor proposes and offers to furnish to the City of Donna all the Aluminum Sulfate Liquid Polymer Blend needs at unit prices stated on bid form official date of award to end of September 2026. Prices quoted are to remain unchanged for the awarded term. Contract shall commence from the official date award and last for the term specified above. The City of Donna reserve the right to extend the Supply Contract for an additional 2 contract periods, if the satisfactory and their unit prices (s) remain firm. Renewals of contract terms shall be based on City of Donna fiscal years 1. October 2024-end of September 2025 and 2. October 2025-September 2026. If price remains firm the City of Donna reserve the right to continue to extend the contract for additional one year terms.
- 2.) Aluminum sulfate liquid polymer blend will be purchased per fiscal year (Oct-Sept) for the Water Treatment Plant at 1800 South River Road. The City of Donna has the right to increase and decrease the amount of inventory necessary at the site to meet all federal, state, and local regulations without penalty of a unit price increase which include but not limited to purchasing, delivering, maintenance, storage, fuel charges, demand charges, etc. No extra charges will be assessed.
- 3.) Aluminum sulfate liquid polymer blend (see attachment A) shall able to assist in producing "Superior" potable water and meet quality requirements set forth by Texas Commission on Environmental Quality in producing potable water. All chemicals used in the treatment of water supplied by public water system must conform to American National Standards Institute/ National Sanitation Foundation (ANSI/NSF) Standard 60 for direct additives and ANSI/NSF Standard 61 for indirect additives. Certificate of analysis from a third party, of product received must be provided for each shipment received.
- 4.) Contractor agrees to carry adequate public liability insurance and further agrees to indemnify and hold the City harmless of any and from any and all losses, damages or claims arising out of or in any way connected with any injury or injuries to any employee or employees of Contractor and from any claims of any other person or persons for injuries, losses or damaged sustained at, around, or in connection with the work which is attributable to the contractor.
- 5.) Contractor shall furnish the City of Donna upon request with factual information as to existence and financial stability of company, along with a list of present cities being serviced and a laboratory test report of their polymer from an accredited chemical testing laboratory company. Laboratory test report shall be at the expense of the contractor.
- 6.) Award of contract shall commence upon formal acceptance by City Council and signature on contract from both parties and expire at the end of September 2026.
- 7.) Delivery will be made on "as needed" basis. Payment will be made for delivered quantities only, in accordance with State of Texas Pay Law.
- 8.) Neither the Contractor nor his employees engaged in the delivery and off-loading of the aluminum sulfate liquid polymer blend shall be considered employees of the City. The method and manner of performance of such undertaking shall be under the exclusive control of the contractor's delivery personnel. The City shall have the right of inspection of said undertaking at any time.
- 9.) The City of Donna reserves the right to terminate the contract immediately if the Contractor fails to perform in the delivery of aluminum sulfate liquid polymer blend and/or the aluminum sulfate liquid polymer blend fails to meet the minimum requirements of the specifications.

10.) Any threats made to any employee of the City, be verbal or written, to discontinue the delivery of aluminum sulfate liquid polymer blend or refusal to deliver aluminum sulfate liquid polymer blend for whatever reason or reasons shall be considered a breach of contract and the City will immediately sever the contract with the contractor and purchase the aluminum sulfate liquid polymer blend elsewhere.

11.) Contractor agrees **NO** extra charges of any type will be assessed during the contract period.

12.) The City of Donna may hold bids 30 days after bid opening without taking action. Bidders are required to hold their bids firm for same period of time.

13.) Historical Annual Usage is 2,064,000 lbs per fiscal years. To be delivered "as needed". It is understood that the number of pounds of Aluminum Sulfate Liquid Polymer Blend mentioned are based on historical usage and is being provided as an aid to assist bidders in providing the City of Donna, with the best unit price possible. Actual usage may vary up or down during the course of this on contract period. Prices bided are to remain unchanged for a period of the 2 years with option to extend. Units prices quoted shall be F.O.B. and delivered to locations and exacts spot (s) designated by City personnel.

Bidder's Company Name _____

WTP-Unit Price per lbs delivered and put in place-\$ _____

Delivery Time (hours or days) _____

Able to delivery 365 days a year (Yes or No) _____

Respectfully submitted this ____ day of _____, 2024

Signature: _____

Print/Type Name: _____

Title: _____

Company: _____

Address: _____

Telephone NO: _____

Fax Number: _____

E-Mail Number: _____



Clar+Ion® 91008

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 06/10/15 Date of Issue: 05/04/15

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture
Product Name: Clar+Ion® 91008

Intended Use of the Product

Use of the Substance/Mixture: Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

CHEMTRADE LOGISTICS INC.

155 Gordon Baker Road
Suite 300

Toronto, Ontario M2H 3N5

For SDS Info: (416) 496-5856

www.chemtradelogistics.com

Emergency Telephone Number

Emergency Number :

Canada: CANUTEC +1-613-996-6666 / US: CHEMTREC +1-800-424-9300

Chemtrade Emergency Contact: (866) 416-4404

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Met. Corr. 1 H290

Eye Dam. 1 H318

Aquatic Acute 3 H402

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

:



GHS05

Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

- : H290 - May be corrosive to metals
- H318 - Causes serious eye damage
- H402 - Harmful to aquatic life
- H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements (GHS-US)

- : P234 - Keep only in original container.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, face protection, eye protection.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 - Immediately call a POISON CENTER, a doctor.
- P390 - Absorb spillage to prevent material damage.
- P406 - Store in corrosive resistant container with a resistant inner liner.
- P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

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Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	% (w/w)	Classification (GHS-US)
Water	(CAS No) 7732-18-5	40 - 70	Not classified
Sulfuric acid, aluminum salt (3:2)*	(CAS No) 10043-01-3	30 - 60	Met. Corr. 1, H290 Eye Dam. 1, H318 Aquatic Acute 3, H402
Sulfuric acid, copper(2+) salt (1:1), pentahydrate	(CAS No) 7758-99-8	2	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Quaternary Ammonium Polymer†	(CAS No) Proprietary	0.1 - 1	Aquatic Chronic 3, H412

†HMIRA:

Full text of H-phrases: see section 16

*As $Al_2(SO_4)_3 \cdot 14H_2O$ (Dry Aluminum Sulfate)

**The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

***A range of concentration as prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes serious eye damage.

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: Causes serious eye damage. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

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Reactivity: Corrosive to metals.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Oxides of aluminum. Sulfur oxides. Oxides of copper.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Collect spillage. Absorb and contain with inert material. Place contents in suitable container for disposal.

Methods for Cleaning Up: Absorb and/or contain spill with inert material, then place in suitable container. Dispose in a safe manner in accordance with local/national regulations.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Use good housekeeping practices during storage, transfer and handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. May be corrosive to metals.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Non acid-proof metals. Galvanized surfaces. Unalloyed steel.

Specific End Use(s)

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Safety glasses. Protective clothing. Insufficient ventilation: wear respiratory protection.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

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Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear, blue
Odor	: Not available
Odor Threshold	: Not available
pH	: 2.4 - 2.7
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not flammable
Auto-ignition Temperature	: Not applicable
Decomposition Temperature	: Not applicable
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not applicable
Upper Flammable Limit	: Not applicable
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Specific Gravity	: 1.30
Solubility	: 100%
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Corrosive to metals.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Non acid-proof metals. Galvanized surfaces. Unalloyed steel.

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

pH: 2.4 - 2.7

Serious Eye Damage/Irritation: Causes serious eye damage.

pH: 2.4 - 2.7

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

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Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye damage. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.

Symptoms/Injuries After Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Sulfuric acid, copper(2+) salt (1:1), pentahydrate (7758-99-8)	
LD50 Dermal Rat	> 2 g/kg
Quaternary Ammonium Polymer	
LD50 Oral Rat	3000 mg/kg
Water (7732-18-5)	
LD50 Oral Rat	> 90000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

Sulfuric acid, copper(2+) salt (1:1), pentahydrate (7758-99-8)	
LC50 Fish 1	0.66 - 1.15 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [semi-static])
EC50 Daphnia 1	0.147 - 0.227 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC 50 Fish 2	0.96 - 1.8 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Persistence and Degradability Not available

Bioaccumulative Potential Not available

Mobility in Soil Not available

Other Adverse Effects Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONTAINS ALUMINUM SULFATE)

Hazard Class : 8

Identification Number : UN3264

Label Codes : 8

Packing Group : III

ERG Number : 171



14.2 In Accordance with IMDG

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONTAINS ALUMINUM SULFATE)

Hazard Class : 8

Identification Number : UN3264

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Packing Group : III
Label Codes : 8
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B



14.3 In Accordance with IATA

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONTAINS ALUMINUM SULFATE)
Packing Group : III
Identification Number : UN3264
Hazard Class : 8
Label Codes : 8
ERG Code (IATA) : 8L



14.4 In Accordance with TDG

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONTAINS ALUMINUM SULFATE)
Packing Group : III
Hazard Class : 8
Identification Number : UN3264
Label Codes : 8



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Clar+Ion® 91008

SARA Section 311/312 Hazard Classes

Immediate (acute) health hazard

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Quaternary Ammonium Polymer

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sulfuric acid, aluminum salt (3:2) (10043-01-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Sulfuric acid, aluminum salt (3:2) (10043-01-3)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

Canadian Regulations

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WHMIS Classification

Class E - Corrosive Material



Sulfuric acid, copper(2+) salt (1:1), pentahydrate (7758-99-8)

WHMIS Classification

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Uncontrolled product according to WHMIS classification criteria

Quaternary Ammonium Polymer

Listed on the Canadian DSL (Domestic Substances List)

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WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Sulfuric acid, aluminum salt (3:2) (10043-01-3)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class E - Corrosive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 06/10/15
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Met. Corr. 1	Corrosive to metals Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H290	May be corrosive to metals
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Party Responsible for the Preparation of This Document

CHEMTRADE LOGISTICS, INC.
 For SDS Info: (416) 496-5856

Handle product with due care and avoid unnecessary contact. This information is supplied under U.S. OSHA'S "Right to Know" (29 CFR 1910.1200) and Canada's WHMIS regulations. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The information contained herein is based on data available to us and is believed to be true and accurate but it is not offered as a product specification. No warranty, expressed or implied, regarding the accuracy of this data, the hazards connected with the use of the product, or the results to be obtained from the use thereof, is made and Chemtrade and its affiliates assume no responsibility. Chemtrade is a member of the CIAC (Chemistry Industry Association of Canada) and adheres to the codes and principles of Responsible Care™.



Chemtrade North America SDS Template